IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A computer-implemented remote device monitoring system, comprising:

a local monitoring computer configured (1) to collect status information from a monitored device connected to a first network using an SNMP protocol, and (2) to send the status information to a remote monitoring computer connected to a second network via a wide area network using a protocol, the status information being obtained from sensors in the monitored device; and

the remote monitoring computer configured to receive the status information using the protocol and to store the status information in association with an IP address of the monitored device in a digital repository connected to the second network,

wherein the local monitoring computer is configured to automatically request the status information from the monitored device over the first network at predetermined intervals, without receiving any instructions from the remote monitoring computer requesting that the status information be collected from the monitored device; and

wherein, after initialization of the local monitoring computer, the local monitoring computer is configured to automatically send the collected status information to the remote monitoring computer, without receiving any instructions from the remote monitoring computer requesting that the collected status information be sent.

2. (Canceled).

3. (Currently Amended) The system of claim [[2]] 1, wherein the monitored device comprises a printer.

4. (Currently Amended) The system of claim [[2]] 1, wherein the status information comprises at least one of a low paper indicator, a no paper indicator, a low toner indicator, a no toner indicator, a door open indicator, a jammed indicator, an offline indicator, and a service-requested indicator.

5. (Canceled).

6. (Original) The system of claim 1, wherein at least a portion of the wide area network comprises the Internet.

7. (Original) The system of claim 1, wherein the protocol comprises at least one of a simple mail transfer protocol and an Internet mail access protocol.

8. (Original) The system of claim 1, wherein at least a portion of at least one of the first network and the second network comprises an intranet.

9. (Original) The system of claim 1, wherein the digital repository comprises a database.

10. (Currently Amended) The system of claim 1, wherein the local monitoring computer is further configured to store the collected status information in a first digital repository connected to the first network, and to retrieve the status information from the first digital repository.

11. (Original) The system of claim 10, wherein the digital repository comprises a database.

12. (Previously Presented) The system of claim 1, wherein the local monitoring computer comprises a computer readable medium encoded with processor readable instructions that comprise at least one of a dynamic link library, a static link library, a script, a JAVA class, a C++ class, and a C library routine.

13. (Canceled).

14. (Currently Amended) The system of claim 1, wherein the remote monitoring computer is further configured to store the status information in the digital repository through an open database connectivity interface.

15. (Previously Presented) The system of claim 10, wherein the local monitoring computer is further configured to store the information in the first digital repository through an open database connectivity interface.

16. (Currently Amended) A method for remotely monitoring network devices, comprising:

collecting, by a local monitoring computer, status information from a monitored device connected to a first network using an SNMP protocol, the status information being obtained from sensors in the monitored device;

sending, by the local monitoring computer, the status information collected in the collecting step to a remote monitoring computer connected to a second network via a wide area network using a protocol;

receiving, by the remote monitoring computer, the status information sent in the sending step; and

storing the status information received in the receiving step in association with an IP address of the monitored device in a digital repository connected to the second network,

wherein the collecting step comprises automatically requesting the status information from the monitored device over the first network at predetermined intervals, without receiving any instructions from the remote monitoring computer requesting that the status information be collected from the monitored device; and

wherein the sending step comprises automatically sending the status information to the remote monitoring computer, after initialization of the local monitoring computer, without receiving any instructions from the remote monitoring computer requesting that the collected status information be sent.

17. (Canceled).

18. (Original) The method of claim 16, wherein the device comprises a printer.

19. (Original) The method of claim 16, wherein at least a portion of the wide area network comprises the Internet.

20. (Canceled).

21. (Original) The method of claim 16, wherein the protocol comprises at least one of a simple mail transfer protocol and an Internet access protocol.

22. (Original) The method of claim 16, wherein the digital repository comprises a database.

23. (Currently Amended) The method of claim 16, further comprising:

storing the collected status information collected in the collecting step in a first digital repository; and

retrieving the status information stored in the step of storing the collected status information from the first digital repository.

24. (Original) The method of claim 23, wherein the first digital repository comprises a database.

25. (Currently Amended) A non-carrier wave computer readable storage medium storing computer program code that, when executed by a computer, causes the ~~program product, comprising:~~

~~a non-carrier wave computer storage medium; and~~

~~a computer program code mechanism embedded in the computer storage medium for causing a~~ computer to remotely monitor a monitored device connected to a first network with a remote monitoring computer connected to a second network, the computer program code ~~mechanism~~ comprising:

[[a]] first computer code ~~device~~ configured to collect status information from the monitored device over the first network using an SNMP protocol, the status information being obtained from sensors in the monitored device, and

[[a]] second computer code ~~device~~ configured to send the collected status information to the remote monitoring computer in association with an IP address of the monitored device via a wide area network using a protocol, wherein the first computer code ~~device~~ is configured to automatically request the status information from the monitored device over the first network at predetermined intervals, without receiving any instructions from the remote monitoring computer requesting that the status information be collected from the monitored device;

wherein, after initialization of the computer, the second computer code ~~device~~ is configured to automatically send the collected status information to the remote monitoring computer, without receiving any instructions from the remote monitoring computer requesting that the collected status information be sent.

26. (Canceled).

27. (Original) The computer program product of claim 25, wherein the device comprises a printer.

28. (Original) The computer program product of claim 25, wherein at least a portion of the wide area network comprises the Internet.

29. (Canceled).

30. (Currently Amended) The computer ~~program product~~ readable medium of claim 25, wherein the protocol comprises at least one of a simple mail transfer protocol and an Internet access protocol.

31. (Canceled)

32. (Currently Amended) The computer ~~program product~~ readable medium of claim 25, wherein the computer program code ~~mechanism~~ further comprises:

[[a]] third computer code ~~device~~ configured to store the status information collected by the first computer code ~~device~~ in a first digital repository; and

[[a]] fourth computer code ~~device~~ configured to retrieve the status information from the first digital repository.

33. (Currently Amended) The computer ~~program product~~ readable medium of claim 32, wherein the first digital repository comprises a database.

34. (Currently Amended) A system for remotely monitoring network devices, comprising:

a computer for collecting status information from a monitored device connected to a first network using an SNMP protocol, the status information being obtained from sensors in the monitored device;

means for sending the status information collected by the computer to a remote monitoring computer connected to a second network via a wide area network using a protocol;

means for receiving, by the remote monitoring computer, the status information sent by the means for sending; and

means for storing the status information received by the means for receiving in association with an IP address of the monitored device in a digital repository connected to the second network,

wherein the computer comprises means for automatically requesting the status information from the monitored device over the first network at predetermined intervals, without receiving any instructions from the remote monitoring computer requesting that the status information be collected from the monitored device; and

wherein, after initialization of the computer, the means for sending comprises means for automatically sending the status information to the remote monitoring computer, without receiving any instructions from the remote monitoring computer requesting that the collected status information be sent.

35. (Previously Presented) The system of claim 34, wherein:

the protocol is at least one of a simple mail transfer protocol and an Internet mail access protocol.